

ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, ENCLOSURE TOP PART GRAY, 1 COMMAND POINT PLASTIC, RECESS FOR LABEL, A=PUSHBUTTON RED, LABEL: O, 1NC, SCREW TERMINAL, BASE MOUNTING



Figure similar

| | |
|--------------------------------------|---|
| Product brand name | SIRIUS ACT |
| Product designation | Enclosures |
| Product type designation | 3SU1 |
| Manufacturer's article number | <ul style="list-style-type: none"> • of supplied contact module A1 = 3SU1400-2AA10-1CA0 3SU1400-2AA10-1CA0 • of supplied contact module at the command point A 1 • of the supplied holder A = 3SU1500-0AA10-0AA0 3SU1500-0AA10-0AA0 • of the supplied holder at the command point A 3SU1000-0AB20-0AA0 • of the supplied actuator 3SU1000-0AB20-0AA0 • of the supplied actuator at the command point A 3SU1801-0AA00-0AB1 • of supplied empty enclosure A = 3SU1900-0AF16-0QA0 3SU1900-0AF16-0QA0 • of supplied accessory • of the supplied accessories at the command point A |

Enclosure

| | |
|---------------------------------------|-----------------------|
| Design of the housing | with recess for label |
| Shape of the enclosure front | Square |
| Material of the enclosure | plastic |
| Number of command points | 1 |
| Product component | |
| • EMERGENCY STOP device | No |
| • protective collar | No |
| Color | |
| • of top part of the enclosure | grey |
| Delivery state | |
| • as a kit | No |
| • pre-wired on strip terminal | No |
| Mounting type of the enclosure | Vertical |

Actuator

| | |
|--|------------|
| Design of the operating mechanism | Pushbutton |
| Suitability for use EMERGENCY OFF switch | No |
| Product feature | |
| • lockout | No |
| Product extension optional Light source | No |
| Color | |
| • of the actuating element | Red |
| Material of the actuating element | plastic |
| Shape of the actuating element | round |
| Number of contact modules | 1 |

Front ring

| | |
|-------------------------------------|----------|
| Product component front ring | Yes |
| Design of the front ring | Standard |
| Material of the front ring | plastic |
| Color of the front ring | black |

Holder

| | |
|-------------------------------|---------|
| Material of the holder | Plastic |
|-------------------------------|---------|

Display

| | |
|------------------------------|---|
| Number of LED modules | 0 |
|------------------------------|---|

General technical data

| | |
|---|------------------------------|
| Product function | |
| • positive opening | Yes |
| • EMERGENCY OFF function | No |
| • EMERGENCY STOP function | No |
| Protection class IP | IP66, IP67, IP69(IP69K) |
| Degree of protection NEMA rating | NEMA 1, 2, 3, 3R, 4, 4X, 12K |
| Shock resistance | |

| | |
|--|--|
| <ul style="list-style-type: none"> • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 | Sinusoidal half-wave 50 g / 11 ms Category 1, Class B |
| Vibration resistance <ul style="list-style-type: none"> • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 | 10 ... 500 Hz: 5g Category 1, Class B |
| Equipment marking <ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 | S S |
| Continuous current of the C characteristic MCB | 10 A; for a short-circuit current smaller than 400 A |
| Continuous current of the quick DIAZED fuse link | 10 A |
| Continuous current of the DIAZED fuse link gG | 10 A |

Main circuit

| | |
|--|---|
| Operating voltage <ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz rated value — at 60 Hz rated value • at DC <ul style="list-style-type: none"> — rated value | 5 ... 500 V 5 ... 500 V 5 ... 500 V |
|--|---|

Auxiliary circuit

| | |
|---|--------------|
| Design of the contact of auxiliary contacts | Silver alloy |
| Number of NC contacts <ul style="list-style-type: none"> • for auxiliary contacts | 1 |
| Number of NO contacts <ul style="list-style-type: none"> • for auxiliary contacts | 0 |
| Number of CO contacts <ul style="list-style-type: none"> • for auxiliary contacts | 0 |

Connections/Terminals

| | |
|---|---|
| Type of electrical connection <ul style="list-style-type: none"> • of modules and accessories | Screw-type terminal |
| Type of electrical connection on enclosure | Cable routing above and below, both 1 x M20 |
| Tightening torque of the screws in the bracket | 1 ... 1.2 N·m |
| Tightening torque of mounting screws in the enclosure cover | 1.5 ... 1.7 N·m |
| Tightening torque <ul style="list-style-type: none"> • with screw-type terminals | 0.8 ... 0.9 N·m |

Interfaces

| | |
|--|---------|
| Design of the interface <ul style="list-style-type: none"> • for communication | without |
|--|---------|

Ambient conditions

| | |
|----------------------------|--|
| Ambient temperature | |
|----------------------------|--|

- during operation
- during storage

-25 ... +70 °C

-40 ... +80 °C

Environmental category during operation acc. to IEC 60721

3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)

Installation/ mounting/ dimensions

Mounting type

- of modules and accessories

Floor mounting

Height

85 mm

Width

85 mm

Depth

75 mm

Shape of the installation opening

round

Accessories

Number of labels

1

Marking of the name plate for command devices

A = O

Color of the label

A = black

Certificates/approvals

General Product Approval

Declaration of Conformity



Test Certificates

Shipping Approval

[Declaration of the Compliance with the order](#)

[Special Test Certificate](#)



Shipping Approval

other



[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1801-0AC00-2AB1>

Cax online generator

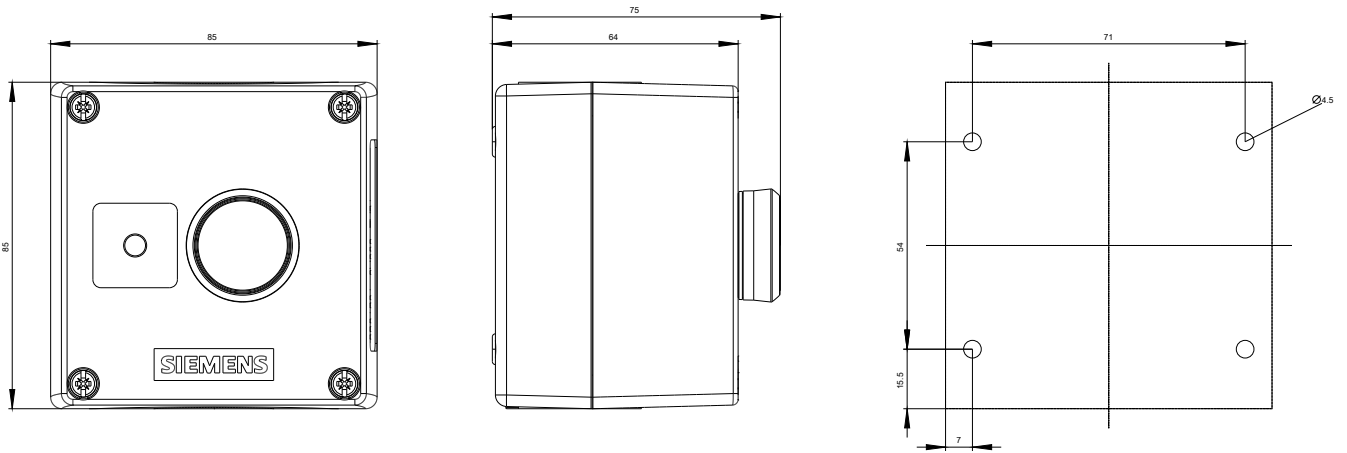
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0AC00-2AB1>

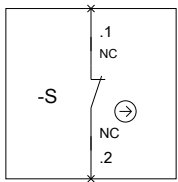
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0AC00-2AB1>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0AC00-2AB1&lang=en





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